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**MEMORANDUM**

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FINAL FACULTY SENATE APPROVAL ON 04/12/2016

TO: Faculty Senate

FROM: Jack Kirby 

DATE: April 6, 2016

SUBJECT: Curriculum Proposal #15-16-16, REV #1  
Aviation Maintenance Management Program

I recommend approval of the attached REVISION #1 Curriculum Proposal 15-16-16. This proposal seeks to remove all AVIO and AVMT courses from the catalog. It also seeks to eliminate the first two years of the Aviation Maintenance Management program from being offered at FSU. Students being admitted to the program will now be required to have earned their FAA Airframe and Powerplant license from another institution or through their military experiences.

Dr. Christina Lavorata  
Dr. Donald Trisel  
Ms. Leslie Lovett  
Ms. Cheri Gonzalez  
Dr. Shayne Gervais






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**MEMORANDUM**

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TO: Curriculum Committee

FROM: Jack Kirby 

DATE: March 21, 2016

SUBJECT: Curriculum Proposal #15-16-16  
Aviation Maintenance Management Program

I recommend approval of the attached Curriculum Proposal 15-16-16. This proposal seeks to remove all AVIO and AVMT courses from the catalog. It also seeks to eliminate the first two years of the Aviation Maintenance Management program from being offered at FSU. Students being admitted to the program will now be required to have earned their FAA Airframe and Powerplant license from another institution or through their military experiences.

Dr. Christina Lavorata  
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Ms. Leslie Lovett  
Ms. Cheri Gonzalez  
Dr. Shayne Gervais



**Proposal Number:** 15-16-16  
**School/Department/Program:** College of Science and Technology, Dept. of Technology, Aviation Maintenance Management Program  
**Preparer/Contact Person:** Donald E. Trisel  
**Telephone Extension:** 304.367.4844  
**Date Originally Submitted:** 3/18/2016  
**Revision (Indicate date and label it Revision #1, #2, etc.):** Revision #1  
**Implementation Date Requested:** Fall 2016

I. **PROPOSAL.** Write a brief abstract, not exceeding 100 words, which describes the overall content of the proposal.

This proposal removes all AVIO and AVMT courses from the catalog. It also eliminates the first two years of the Aviation Maintenance Management program from being offered at FSU. Students being admitted to the program will now be required to have earned their FAA Airframe and Powerplant (A&P) license from another institution or through their military experiences. Such students will essentially be admitted with a minimum of 53 credit hours for their A&P license, perhaps about 60 with general studies courses or military credits. Students who enroll in our program should be able to complete their B.S. degree in the Aviation Maintenance Management program in about 2 years.

II. **DESCRIPTION OF THE PROPOSAL.** Provide a response for each letter, A-H, and for each Roman Numeral II–V. If any section does not apply to your proposal, reply N/A.

A. Deletion of course(s) or credit(s) from program(s)  
***Courses listed below as required in Catalog Model Schedule 2015/16 includes:***

Delete All AVMT and AVIO courses. A total of 53 hours were required for the major.  
 Note: no AVIO courses are currently described in the catalog, even though one (AVIO 1110) was required by the program.

Total hours deleted. 56, plus two variable credit courses (of 1-12 hours)

B. Addition of course(s) or credit(s) from program(s)  
 - NA

Total hours added. 0

C. Provision for interchangeable use of course(s) with program(s)  
 - NA

D. Revision of course content. Include, as an appendix, a revised course description, written in complete sentences, suitable for use in the university catalog.  
 - NA

E. Other changes to existing courses such as changes to title, course number, and elective or required status.  
 - NA

F. Creation of new course(s). For each new course

1. Designate the course number, title, units of credit, prerequisites (if any), ownership (FSU or shared) and specify its status as an elective or required course. If you are creating a shared course, attach a memo from the Deans of the affected Schools explaining the rationale for the course being shared.  
- NA
2. Include, as an appendix, a course description, written in complete sentences, suitable for use in the college catalog.  
- NA
3. Include, as an appendix, a detailed course outline consisting of at least two levels.  
- NA
4. In order to meet the requirements as outlined in Goal One of the Strategic Plan, please include Outcome Competencies and Methods of Assessment as an appendix. Examples are available upon request from the Chair of the Curriculum Committee.  
- NA

G. Attach an itemized summary of the present program(s) affected, if any, and of the proposed change(s).

Describe how this proposal affects the hours needed to complete this program. Specifically, what is the net gain or loss in hours? Use the format for Current and Proposed Programs in Appendix A.

III. **RATIONALE FOR THE PROPOSAL.**

- A. **Quantitative Assessment:** Indicate the types of assessment data, i.e., surveys, interviews, capstone courses, projects, licensure exams, nationally-normed tests, locally developed measurements, accreditation reports, etc., that were collected and analyzed to determine that curricular changes were warranted. Quantitative data is preferred.
- It has been at least a decade since FSU was responsible for the first two years of this program. With the separation of FSU and PCTC there have been many complications with sharing of space and student enrollment. FSU does not have the faculty or access to the facilities to teach these classes for the program. It will simplify matters to remove this source of conflict between the institutions. The College of Science and Technology is willing to sign articulation agreements with institutions to allow for seamless transfer of students into our program.
- B. **Qualitative Assessment:** Based upon the assessment data above, indicate why a curricular change is justified. Indicate the expected results of the change. Be sure to include an estimate of the increased cost, or reduction in cost of implementation. FOR EXAMPLE: Will new faculty, facilities, equipment, or library materials be required?
- The AVMT and AVIO courses will no longer be included in our catalog. FSU will have no further financial or academic responsibility for the success or failure of the Airframe & Powerplant program.
  - The B.S. degree will still be offered for those students who earn the FAA A&P license at another institution before enrolling at FSU. The Aviation Common Core is the basis for the Jr and Sr years of the program and these courses are already being offered for the Aviation Administration and Aviation Administration/Professional Flight degree programs. No additional expenses are expected.

- IV. Should this proposal affect any course or program in another school, a memo must be sent to the Dean of each school impacted and a copy of the memo(s) must be included with this proposal. In addition, the Deans of the affected schools must sign below to indicate their notification of this proposal.

By signing here, you are indicating your college's/school's notification of this proposal.

V.

College/School	Dean	Signature

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 this proposal affect any course to be added or deleted from the general studies requirements, a memo from the chair of the General Studies Committee indicating approval of the change must be included with this proposal.  
 -No courses will be added or deleted from the general studies offerings.

- VI. ADDITIONAL COMMENTS.

**APPENDIX A**  
**BS in Aviation Maintenance Management**  
**Current Program**

<b>Required Major Courses</b>		<b>HRS</b>
AVMA 3301	Aviation History	3
AVMA 3302	Aviation Law	3
AVMA 3303	Airline Operations	3
AVMA 3304	Aviation Maintenance Management	3
AVMA 3305	General Aviation Operations	3
AVMA 3307	Aviation Safety	3
AVMA 4402	Fiscal Aspects of Aviation Management	3
BSBA 2209	Principles of Management	3
MGMT 3390	Organizational Behavior	3
<b>Aviation Common Core =</b>		<b>27 hours</b>
<hr/>		
AVMT 1101	Intro to Aviation Maintenance	3
AVMT 1102	Aircraft Regulations and Publications	3
AVMT 1103	Aviation Shop Practices	3
AVMT 1105	Aircraft Utility Systems	3
AVMT 1109	Aviation Electronics	3
AVMT 2201	Reciprocating Engines and Systems	3
AVMT 2202	Aircraft Sheet Metal Structures	3
AVMT 2203	Reciprocating Engine Maintenance and Return to Service	3
AVMT 2204	Aircraft Propeller & Control Systems	3
AVMT 2205	Turbine Engines and Systems	3
AVMT 2206	Aircraft Fluid Power Landing Gear Systems	3
AVMT 2207	Turbine Engine Maintenance and Inspection	3
AVMT 2208	Cabin Atmosphere Control Systems	3
AVMT 2209	Aircraft Flight Control Systems	3
AVMT 2210	Non-Metallic Structures	3
AVMT 2211	Aircraft Avionics and Information Systems	3
AVIO 1110	Aircraft Power Generation and Distribution Systems	3
<b>Required Courses in Major</b>		<b>53 hours</b>
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<b>TOTAL HOURS FOR MAJOR</b>		<b>80</b>

Red text highlights the courses to be removed from the catalog.

## BS in Aviation Management Maintenance – Current

<b>Required General Studies Courses</b>		
Attribute IA – Critical Analysis		3
	ENGL 1108 old number (1102 = new number; also fulfills IE)	
Attribute IB – Quantitative Literacy		3
	MATH 1102 or MATH 1112	
Attribute IC – Written Communication		3
	ENGL 1104 old number (1101 = new number)	
Attribute ID - Teamwork		3
	MANF 2250	
Attribute IE – Information Literacy		X
	ENGL 1108 old number (1102 = new number; also fulfills IA)	
Attribute IF – Technology Literacy		3
	Tech 1100 or BISM 1200 or ENGL 1109	
Attribute IG – Oral Communication		3
	COMM 2200, 2201, or 2202; Also fulfills IV.	
Attribute II – Proficiency in the Major		X
	To Be Fulfilled By Major Courses	
Attribute III - Citizenship		3
	POLI 1103, Also fulfills VI.	
Attribute IV - Ethics		3 (error in catalog)
	Met with I.G. (COMM 2200, 2201, or 2202)	
Attribute V - Health		2-3
	student choice via available selections in category	
Attribute VI - Interdisciplinary		X
	Met with III. (POLI 1103)	
Attribute VIIA - Arts		3
	student choice via available selections in category	
Attribute VIIB - Humanities		3
	student choice via available selections in category	
Attribute VIIC – Social Sciences		3
	BSBA 2200 or 2201 or PSYC 1101 or SOCY 1110	
Attribute VIID - Natural Science		4-5
	PHYS 1101 or 1105	
Attribute VIII – Cultural Awareness		3
	student choice via available selections in category	
<b>TOTAL GENERAL STUDIES HOURS</b>		<b>39-40</b>
<b>TOTAL FREE ELECTIVES</b>		<b>0-1</b>
<b>TOTAL HOURS</b>		<b>120</b>

Red text to be removed or changed.





## BS in Aviation Management Maintenance – Proposed

<b>Required General Studies Courses</b>		
Attribute IA – Critical Analysis		3
	ENGL 1108 old number (1102 = new number; also fulfills IE)	
Attribute IB – Quantitative Literacy		3
	MATH 1102 or MATH 1112	
Attribute IC – Written Communication		3
	ENGL 1104 old number (1101 = new number)	
Attribute ID - Teamwork		3
	MANF 2250	
Attribute IE – Information Literacy		X
	ENGL 1108 old number (1102 = new number; also fulfills IA)	
Attribute IF – Technology Literacy		3
	Tech 1100	
Attribute IG – Oral Communication		3
	COMM 2200, 2201, or 2202; Also fulfills IV.	
Attribute II – Proficiency in the Major		X
	To Be Fulfilled By Major Courses	
Attribute III - Citizenship		3
	POLI 1103, Also fulfills VI.	
Attribute IV - Ethics		X
	Met with I.G. (COMM 2200, 2201, or 2202)	
Attribute V - Health		2-4
	student choice via available selections in category	
Attribute VI - Interdisciplinary		X
	Met with III. (POLI 1103)	
Attribute VIIA - Arts		3
	student choice via available selections in category	
Attribute VIIB - Humanities		3
	student choice via available selections in category	
Attribute VIIC – Social Sciences		3
	BSBA 2200 or 2201 or PSYC 1101 or SOCY 1110	
Attribute VIID - Natural Science		4-5
	PHYS 1101 or 1105	
Attribute VIII – Cultural Awareness		3
	student choice via available selections in category	
<b>TOTAL GENERAL STUDIES HOURS</b>		<b>39-42</b>
<b>TOTAL FREE ELECTIVES</b>		<b>0-1</b>
<b>TOTAL HOURS</b>		<b>120</b>

Blue text highlights the changes needed in the catalog.